

**DISCLAIMER: The “Notice of Intent to Issue” is for information only; this is not for public comment.**

**Notice of Intent to Issue  
Funding Opportunity Announcement No.: DE-FOA-0000080  
2009 American Recovery and Reinvestment Act: Regional Sequestration Technology  
Training**

In carrying out the American Recovery and Reinvestment Act 2009, the DOE National Energy Technology Laboratory (NETL) intends to issue this Funding Opportunity Announcement (FOA) on behalf of the DOE Office of Fossil Energy. It is anticipated this FOA will be available in May 2009. The FOA will provide grants to develop regional sequestration technology training to transfer knowledge relevant to different formation types and geologic basins throughout the country.

DOE envisions awarding multiple financial assistance awards in the form of grants. The number of applications selected for negotiations leading to award is anticipated to be approximately 7, but may depend on quality of applications submitted and the availability of funds. The estimated period of performance for each award will be three years.

The objective of this FOA is to develop regional sequestration technology training to facilitate transfer of knowledge and technologies required for site development, operations, and monitoring of commercial Carbon Capture and Storage (CCS) projects. The training will specialize in the applied engineering and science of CCS training for site developers, geologists, engineers, and technicians. In addition, the training will lead the effort in providing a technology transfer platform for carbon sequestration related technology information and insights on a basin scale level to the sequestration industry in a concise, meaningful format that stimulates timely, informed technology decisions.

An awareness of current and completed research and development activities in the carbon sequestration area will be important to achieving the proper balance of integration with other funded activities. The Department of Energy (DOE)'s Office of Fossil Energy (FE)'s Carbon Sequestration Program involves two key elements for technology development and research: 1) Core R&D and 2) Infrastructure. The Core R&D element contains five focal areas for carbon sequestration technology development: 1) Capture, 2) Geologic Carbon Storage, 3) Monitoring, Verification, and Accounting (MVA), 4) CO<sub>2</sub> Use/Reuse, and 5) Simulation and Risk Assessment. Core R&D is driven by technology needs and is accomplished through laboratory and pilot-scale research aimed at developing new technologies and new systems for greenhouse gas (GHG) mitigation. The Infrastructure element includes large-scale projects and the Regional Carbon Sequestration Partnerships (RCSPs).

The Funding Opportunity Announcement will be available for viewing at Grants.gov (<http://www.grants.gov>) and at FedConnect (<https://www.fedconnect.net/FedConnect/>). Applicants are strongly encouraged to register at these sites to receive notification of announcements posted by the National Energy Technology Laboratory. When the Funding Opportunity Announcement is released, applications will be received through the FedConnect portal (<http://www.fedconnect.net>).

In anticipation of the FOA being released, there are several one-time actions prospective applicants must complete in order to submit an application in response to this Announcement (e.g., obtain a Dun and Bradstreet Data Universal Numbering System (DUNS) number, register with FedConnect, and register with the Central Contractor Registration (CCR)). Due to the

likelihood of a short response period, interested applicants are strongly encouraged to ensure these requirements have been met. Detailed information is as follows:

1. Applicants must obtain a DUNS number. If your organization does not have a DUNS number, go to the Dun & Bradstreet (D&B) online registration located at <http://fedgov.dnb.com/webform/> to receive a number free of charge or call 1-866-705-5711.
2. Applicants must register with FedConnect to submit their application. FedConnect website: [www.fedconnect.net](http://www.fedconnect.net)
3. Applicants must register with the CCR. CCR website: <http://www.ccr.gov/>. The Central Contractor Registration (CCR) collects, validates, stores, and disseminates business information about the Federal Government's trading partners in support of the contract award, grants, and the electronic payment processes.

To see if your organization is already registered with CCR, check the CCR website located at <http://www.bpn.gov/ccring/scripts/search.asp>. You will be able to search CCR by using either your organization's DUNS Number or legal business name. If your organization is already registered, take note of who is listed as the organization's E-Business Point of Contact (E-Business POC). This person will be responsible for registering in FedConnect.

If your organization is not registered in CCR, go to the CCR Website at [www.ccr.gov](http://www.ccr.gov) and select the "Start New Registration" option to begin the registration process. Please allow up to 7 days for processing of your registration which includes the IRS validating your Employer Identification Number (Taxpayer Identification Number or Social Security Number). The organization's E-Business POC will be designated during the CCR registrations process. A special Marketing Partner ID Number (MPIN) is established as a password to verify the E-Business POC.

**The DOE will not entertain questions at this time. Once the Funding Opportunity Announcement has been released, a "submit questions" feature will be defined.**

#### DISCLAIMER

This Notice is issued so that interested parties are aware of the DOE's intention to issue this Funding Opportunity Announcement. Any of the information contained in this Notice is subject to change.